

What is claimed is:

1. A system for Internet connections, which connects a user to a network, comprising:

an IP address usage information storage means for
5 storing usage information regarding an IP address in association with the user using the IP address;

an access log recording means for recording an access log for a Web site in association with a IP address; and

10 an access information output means for referencing the usage information regarding the IP address and the access log for the Web site, to thereby associate and output an address of the Web site and information of the user accessing this Web site.

15 2. A system as set forth in claim 1,

wherein said access log recording means is provided in a substitute server, through which the user terminal connects with the Internet.

3. A system as set forth in claim 1, further
20 comprising:

means for storing and identifying information on user permission to output access information,

wherein said access information output means outputs the access information if the user permits an
25 output of the access information.

4. A system as set forth in claim 3, further comprising:

means for providing access information and collective user information for users who permit an output of said access information.

5. A system as set forth in claim 1, further comprising:

a certification means for performing user certification,

wherein said IP address usage information storage means associates and stores user information obtained by this certification means and the IP address usage information.

6. A system as set forth in claim 1, further comprising:

means for categorizing and storing information on various Web sites; and

means for referencing said access information from said access information output means and category information to thereby associate and output a category of a Web site accessed and information of the user who accesses this Web site.

7. A system as set forth in claim 6, comprising:

means for accumulating usage category information of the user to thereby analyze user preferences; and

means for outputting preference information in association with the user ID.

8. A system as set forth in claim 7, further comprising:

a content storage means for storing various contents in association with the category; and

means for extracting contents from said content storage means and distributing the contents to the user based on the preference information of the user.

9. A system for providing Internet user information, comprising:

means for storing the user information in association with Web site access information of the user;

means for categorizing and storing information on various Web sites; and

means for referencing said access information and the category information to thereby associate and output the category of the Web site accessed and information of the user who accesses this Web site.

10. A system as set forth in claim 9, further comprising:

means for accumulating usage category information of the user to thereby analyze the user preferences; and

means for outputting the preference information in association with the user ID.

11. A system as set forth in claim 10, further comprising:

a content storage means for storing various contents in association with the category; and

means for extracting contents from said content storage means and distributing the contents to the user based on the preference information of the user.

12. A system for Internet connections, which connects
5 a user terminal to a network, comprising:

an IP address usage information storage means for storing usage information regarding an IP address in association with a user ID, the user ID using the IP address;

10 a content storage means for storing contents corresponding to the user preferences in association with the user ID; and

means for extracting contents corresponding to the user preferences from said content storage means
15 and displaying the contents on the user terminal using the IP address.

13. A method for providing Internet user preference information,

wherein an Internet service provider system
20 obtains a Web site access log for a user of the Internet connection service; and

the Internet service provider system generates and provides preference information of the user based on this Web site access log.

25 14. A method for distributing digital contents using the Internet, comprising the steps of:

(a) receiving Web site access information of a

user of the Internet connection service from the Internet service provider system to thereby generate preference information of the user; and

(b) distributing digital contents corresponding to the preference information to the user.

15. A system for Internet connections, which connects a user terminal to the network, comprising:

a terminal server for assigning a predetermined IP address to the user terminal and connecting this user terminal to a request Web site through an Internet network;

a certification server for outputting IP address usage information of the user as well as performing a certification for the user who accesses said terminal server;

a substitute server, through which the Internet connection is routed when the user terminal is connected to said request Web site in order to record/output an access log for the Web site accessed by said IP address; and

an update server for referencing the access log, recorded/output by the substitute server, and said IP address usage information, output by said certification server, to thereby output the Web site in association with the user who accesses this Web site.

16. A system for Internet connections, which connects a user terminal to the network, comprising:

means for obtaining user signal source
geographical region information;

a content generation means for generating
contents according to a signal source geographical
5 region; and

a content distribution means for distributing the
contents generated by said content generation means to
the user terminal connected to the Internet.

17. A system for Internet connections as set forth in
10 claim 16,

wherein said means for obtaining user signal
source geographical region information comprises:

means for obtaining signal source information of
the user, which is included in an incoming signal from
15 a telephone company; and

a signal source geographical region determination
means for determining the signal source geographical
region based on this telephone number if said signal
source information contains a signal source telephone
20 number.

18. A system for Internet connections as set forth in
claim 17,

wherein said signal source geographical region
determination means determines a geometrical region of
25 an access point which is accessed by the user as the
signal source geographical region if the signal source
information does not include the signal source

telephone number of the user.

19. A system for Internet connections as set forth in claim 16,

wherein said content distribution means

5 distributes said contents to the user by routing a connection of the user to a site which includes said contents.

20. A system for Internet connections as set forth in claim 16, further comprising:

10 means for storing IP address usage information in association with the user of this IP address; and

an access log recording means for recording an access log of a Web site accessed by the user using an IP address used for the Internet connection;

15 wherein said content distribution means comprises means for comparing the IP address in log information recorded by the access log recording means and said IP address usage information to thereby determine a Web site accessed by the user and distribute contents
20 related to this Web site to the user terminal.

21. A system for Internet connections as set forth in claim 20,

wherein said access log recording means is provided in a substitute server, through which the user
25 terminal is connected to the Internet.

22. A system for Internet connections as set forth in claim 20,

5 accessed by the user, belongs and distributes contents
related to the category to the user.

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means for obtaining user signal source
10 geographical region information;

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a content distribution means for distributing the
15 contents, generated by said content generation means,
to the user terminal.

means for obtaining signal source information of
20 the user from the telephone company;

25 a user signal source geographical information
output means for outputting the signal source
geographical region, the signal source geographical

region determined by this signal source geographical
region determination means, in association with the
user.

25. A system for Internet connections as set forth in
5 claim 24,

wherein the user signal source geographical
information output means outputs the user signal source
geographical information in response to an output
request, the output request being from the Web site
10 accessed by the user, for the user signal source
geographical information which indicates the IP address
of the user.

26. A system for Internet connections, which connects
a user terminal to a network, comprising:

15 means for assigning an IP address to the user
terminal and connecting the user terminal to the
Internet;

means for storing user information in association
with the user; and

20 means for outputting the user information to a
Web site accessed by the user in response to an output
request from the Web site for the user information
which indicates the IP address of the user.

27. A system for distributing contents to the user
25 terminal through the Internet, comprising:

means for obtaining user signal source
geographical region information;

a content generation means for generating contents according to the signal source geographical region for the user; and

a content distribution means for distributing to
5 the user terminal the contents, generated by said content generation means according to said signal source geometrical region.

28. A method for providing information to an Internet user,

10 wherein an Internet service provider determines the signal source geographical region for a user of its Internet connection service, generates contents related to this signal source geographical region and provides the contents to the user.

15 29. An Internet connection program product for issuing a command to a computer system to establish a dial-up connection with a predetermined Internet connection access point, comprising:

storage media;

20 means stored in this storage media for determining a line network type used; and

means stored in said storage media for adding a signal source information provision code to a telephone number used for an Internet connection if a line
25 network type being used is a predetermined line network type.